What is claimed is:

- 1. A fracture fixation pin, comprising:
- a) a first portion having a first diameter and first threads of a first thread diameter, said first portion having a tip at one end and a second end;
- b) a second portion coupled to said second end of said first portion, said second portion having a second diameter larger than said first diameter, and second threads of a second thread diameter larger than said first thread diameter, said second threads extending in a same direction as said first threads; and
- c) a non-threaded shaft portion coupled to said second portion, said shaft portion having a cross-sectional dimension which does not exceed a dimension of said second diameter.
- 2. A fracture fixation pin according to claim 1, wherein: said first and second threads are continuous.
- 3. A fracture fixation pin according to claim 1, wherein: said tip includes a plurality of cutting flutes.

4. A fracture fixation pin according to claim 1, wherein: said tip is substantially conical and includes a surface angled at 30° relative to a longitudinal axis.

5. a fracture fixation pin according to claim 1, wherein:
said first portion has a first length of approximately 2.55
inches and a first diameter of approximately 0.125 inch, and said
second portion has a second length of approximately 0.6 inch and a
second diameter of approximately 0.015 inch.

- 6. A fracture fixation pin according to claim 1, wherein: said shaft portion is substantially cylindrical.
- 7. A fracture fixation pin according to claim 1, wherein: said shaft is frangibly coupled to second portion.
- 8. A fracture fixation pin according to claim 1, wherein:
 a channel is provided about said pin between said second
 portion and said shaft portion.
- 9. A fracture fixation pin according to claim 1, wherein:
 said shaft has cross-sectional dimension smaller than said
 second diameter of said second portion.

- 10. A fracture fixation pin according to claim 1, wherein: said pin is not provided with a head portion.
- 11. A fracture fixation pin according to claim 1, wherein:

 all threads on said first portion have said first thread
 diameter.
- 12. A fracture fixation pin according to claim 1, wherein: said pin is made of metal.
- 13. A fracture fixation pin according to claim 1, wherein:
 said second portion is provided with a plurality of
 longitudinal grooves adjacent said shaft portion and spaced-apart
 about a circumference of said second portion.
- 14. A fracture fixation pin according to claim 13, wherein:
 said plurality of grooves includes exactly three grooves
 spaced apart 120° about said circumference of said second portion.
- 15. A fracture fixation pin according to claim 13, wherein:
 each of said grooves has a depth which extends below said second threads.



- 16. A fracture fixation pin system, comprising:
 - a) a pin including
- i) a first portion having a first diameter and first threads of a first thread diameter, said first portion having a tip at one end and a second end,
- ii) a second portion coupled to said second end of said first portion, said second portion having a second diameter larger than said first diameter, and second threads of a second thread diameter larger than said first thread diameter, said first and second threads being continuous with each other and having a common pitch and thread depth, and
- iii) a non-threaded shaft portion coupled to said second portion, said shaft portion having a cross-sectional dimension which does not exceed a dimension ϕf said second diameter,

said second portion adjacent/said shaft portion defining a plurality of longitudinal spaced apart negative spaces; and

- b) a driver member including a socket having structure adapted to interfere with said negative spaces.
- 17. A fracture fixation pin system according to claim 16, further comprising:
- c) a mill tool having structure adapted to remove bone and define an opening in the bone into which said socket of said driver member can be inserted.

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18. A fracture fixation pin, comprising:

- a) a first portion having a first diameter and first threads of a first thread diameter, said first portion having a tip at one end and a second end; and
- b) a second portion having a first end coupled to said second end of said first portion and a second free end, said second portion having a second diameter larger than said first diameter, and second threads of a second thread diameter larger than said first thread diameter, said first and second threads being continuous with each other and having a common pitch and thread depth, wherein said second free end is provided with a plurality longitudinal grooves spaced-apart about a circumference of said second portion.
- 19. A fracture fixation pin according to claim 18, wherein:
 said plurality of grooves includes three grooves spaced apart
 120° about said circumference of the second portion.
- 20. A fracture fixation pin/according to claim 18, wherein:
 each of said grooves has a depth which extends below said
 second threads.

21. A fracture fixation pin system, comprising:

- a) a pin including
- i) a first portion having a first diameter and first threads of a first thread diameter, said first portion having a tip at one end and a second end, and
- ii) a second portion having a first end coupled to said second end of said first portion and a second free end, said second portion having a second diameter larger than said first diameter, and second threads of a second thread diameter larger than said first thread diameter, said first and second threads being continuous with each other and having a common pitch and thread depth, wherein said second free end is provided with a plurality longitudinal grooves spaced-apart about a circumference of said second portion; and
- b) a driver member including a socket having structure adapted to interfere with said grooves on said second portion of said pin.
- 22. A fracture fixation pin system according to claim 21, further comprising:
- c) a mill tool having structure adapted to remove bone and define an opening in the bone into which said socket of said driver member can be inserted.

23. A fracture fixation pin, comprising:

a pin having a threaded portion provided with threads and a shaft portion, said threaded portion including a tip end and an opposite end, said opposite end including a plurality of longitudinal grooves adjacent said shaft portion and spaced-apart about a circumference of said threaded portion.

- 24. A fracture fixation pin according to claim 22, wherein: said grooves interrupt said threads.
- 25. A fracture fixation pin according to claim 22, wherein:
 said plurality of grooves comprise exactly three grooves
 spaced apart 120° about the circumference of the threaded portion.
- 26. A fracture fixation pin according to claim 22, wherein:
 each of said grooves has a depth which extends below said
 threads at a location of said grooves.
- 27. A fracture fixation pin according to claim 22, wherein:
 said threaded portion includes a first portion having a first
 diameter and first threads of a first thread diameter, and a
 second portion having a second diameter larger than said first
 diameter and second threads of a second thread diameter larger
 than said first thread diameter.

- 28. A fracture fixation pin according to claim 27, wherein: said first and second threads are continuous with each other.
- 29. A fracture fixation pin according to claim 27, wherein: said first and second threads have a common pitch.
- 30. A fracture fixation pin according to claim 27, wherein: said first and second threads have a common thread depth.
- 31. A fracture fixation pin system, comprising:
- a) a pin having a first portion provided with threads and a shaft portion, said first portion including a tip end and an opposite end, said opposite end including a plurality of longitudinal grooves adjacent said shaft portion and spaced-apart about a circumference of said first portion; and
- b) a driver member including a socket having structure adapted to interfere with said grooves on said first portion of said pin.
- 32. A fracture fixation pin system according to claim 31, further comprising:
- c) a mill tool having structure adapted to remove bone and define an opening in the bone into which said socket of said driver member can be inserted.